**George Odongo**

Milton Keynes (Buckinghamshire)

**Email:** [godongo@hotmail.co.uk](mailto:godongo@hotmail.co.uk) (Preferred)

**Mobile:** 07933 073 014

**Job Type:** Contract

**Profile:**

* I’m a passionate, hands-on professional with over 10 years experience in .Net covering multiple technologies. I keep in touch with new developments within the industry and can adapt quickly to new coding conventions. I am happy working independently or in a close team environment, and apply a positive attitude to every task I undertake.

**Qualifications:**

* BSc Hon Computer Science (Software Engineering)

King’s College London (University of London) **2:1 Class**

* BSc Computing (Communication and Networks)

University of Westminster **1st Class**

**Skills Summary:**

* Advanced skills in C#, .Net Core, ASP.Net Core, Entity Framework Core, ASP.Net MVC 1-6, Web API, WCF, LINQ, T-SQL(SQL), NHibernate, Razor, Tag Helpers, JavaScript, TypeScript, JQuery, AngularJS 1 & 2 (Jasmine and Karma), KnockoutJS, Bootstrap, Ajax, HTML5, CSS3, Bespoke CMS, .Net 1.0 – 4.5, N-Tier and Enterprise Level Applications.
* Good working knowledge of Java (Android Apps), Android Studio, NodeJS, Gulp, Grunt, Bower and most Frontend Dev Tools.
* Object Oriented (OO), Design Principles (SOLID) and Software Design Patterns (Creational, Structural and Behavioural)
* TDD, Unit Testing (MS/ NUnit), Mocking Tools (Moq and Rhino Mock) and Dependency Injection (Structure Map, Castle Windsor and Ninject).
* Software Life Cycle, Software analysis skills, Software Development process and a variety of Development Methodologies (Agile Environment Scrum and XP).
* Database design, maintenance, SQL queries using Stored Procedures, Views and Triggers.
* IIS 6/7/7.5, Visual Studio IDE, Eclipse IDE, TFS Build, Source Control Systems and Continuous Integration.
* Application Deployment and TCP/IP Protocol Stack.
* Open source tools including Git, SVN, Log4Net, FileZilla, Fiddler, Firebug, LINQ Pad etc.
* Participating in the development of open source Orchard CMS project. Personal projects with .Net Core 1.0, ASP.Net Core 1.0, EF Core 1.0, Android Apps (Android Studio) and AngularJS 2

**Work Experience**

**08/2016 – Current**

**Next Plc**

[*http://www.next.co.uk*](http://www.next.co.uk/)

A multinational clothing, footwear and home products retailer based in Leicester.

**Senior Web Developer**

* Working as part of a team responsible for maintaining, supporting and rewriting multiple components of several ecommerce websites within the organization
* Main technologies used included TFS, Visual Studio 2015, C#, ASP.Net MVC (MVC Core), Web API, MS SQL Server (T-SQL), JavaScript, Angular 1/2, Html5, CSS3 and a variety of front end technologies.
* Most of the development included working on all layers of the N-tier Enterprise System Architecture, mostly working from Wire-frames and User Stories managed in TFS. Also, used TFS for source control with gated check-in ensuring smooth transition during testing and deployment to several environments.
* I rewrote and developed parts of Payment Gateways for PayPal, Visa and Master Card delivering a robust and efficient system meeting specified Acceptance Criteria. Development involved rewriting several web services from WCF to Restful services using Web API. Wrote quality code using SOLID Principles and also covering core parts of the system with Unit Tests using TDD.
* I was involved in rewriting several Shopping Catalogues to ensure smooth user experience, most development done on the Presentation Layer and Business Layer using the technologies mentioned above.
* Working in an agile scrum setup with two weekly sprints involving sprint planning, costing and estimation, daily stand ups, retrospective and to demo the delivered product at the end of each sprint.
* Worked in conjunction with Project Managers, Business Analysts, QA (Testers), Tech Leads and other stake holders.
* As a senior member within the team I helped mentor junior members, code reviews and assisted with other duties as required.

**01/2016 – 07/2016**

* Took some time off contracting to travel.

**05/2015 – 12/2015**

**Jet2.com**

[*http://www.jet2.com/*](http://www.jet2.com/)

A low-cost budget airline based at Leeds Bradford Airport. They provide services including Passenger Flights, Packaged Holidays, Transfers, Cargo and Charter Service.

**Senior Web Developer**

* Working on the development of their mobile websites ([*https://reservations.jet2.com/mobile/*](https://reservations.jet2.com/mobile/) and [*https://m.jet2holidays.com/mobile/homepage*](https://m.jet2holidays.com/mobile/homepage)) to improve usability and performance in order to improve sales. Also, maintaining and enhancing equivalent Mobile Android Apps (Jet2.com and Jet2holidays) supporting the above sites.
* Reporting to the Systems Manager who oversees the overall running of the project.
* Development based around Agile methodologies with a team made up of Systems Manager, Product Owner, Project Manager (Scrum Master), Testers, UX Designers and Senior Developers. Fortnight sprint cycles inclusive of planning, cost estimation, retrospective and daily scrum stand-ups.
* Development done on a full stack working both on the frontend and backend of the system.
* Frontend work done using JavaScript, JQuery, KnockoutJS, Razor, Html5, CSS and a variety of Open Source JavaScript libraries. Working alongside UX Designers and Testers to achieve optimal usability based on business requirements. We redesigned some webpage’s look and feel, how data is pulled through to improve load time performance, lazy loaded images, refactored and minified JavaScript/CSS files. Used multiple tracking technologies (Google Analytics, Google Tag Manager and Qubit) capture traffic stats on the site.
* Backend work done using C#, Asp.Net MVC 5, WebAPI, REST, Node.js, WCF, Entity Framework and LINQ. System developed to be highly extensible and easy to maintain, wrote code in a TDD approach making it easy to write unit tests. Worked extensively with web services to fetch real-time data from multiple Third Party Clients (Booking.com, Hotels.com, TripAdvisor…. etc.), worked with both SOAP and Restful Services.
* Main tools used in development included Visual Studio 2013, TFS (CI), Octopus Deploy, Ninject, Rhino Mocks, Resharper, MS Test variety of Open Source Tools. TFS was used both for Source Control and managing Work Items/Tracking Bugs. Involved in housekeeping work both in pre-and post-release cycle, this involved creating and merging branches in TFS, and also deploying code to different environments.
* Involved in Peer Code Reviews to ensure that code is of high quality and fulfils Acceptance Criteria set against each User Story. The code reviews also determined if the produced code has met the company’s coding standards which were also in line with industry standards.
* Assisted with other duties as required.

**08/2014 – 01/2015**

**Capita**

[*http://www.capita-cs.co.uk/*](http://www.capita-cs.co.uk/)

An international business process outsourcing and professional services company. One of the services includes School Information Management System (SIMS) with an 80% market share in the UK.

**Senior Web Developer**

* Working in a team to rewrite and convert an existing Silverlight application (SIMS8) to a web application using C#, Asp.Net MVC 5, Web API 2, EF, LINQ, AngularJS, JavaScript, TypeScript, Html5 and CSS3.
* Development process based around strong Agile Scrum setup and TDD working with other team members. Individual teams made up of a Team Lead (Scrum Master), Project Manager, Software Architect, Business Analyst, UI Engineers, Testers with a mix of Senior and Junior Developers.
* Involved in daily scrum stand ups, sprint planning, estimation and retrospective.
* Development managed using TFS to maintain both Features, User Stories, Track Bugs and the code base via TFS Source Control (Visual Studio 2013).
* Most development work was end to end, working on both frontend (AngularJS, JavaScript, Html5 and CSS3) and backend (C#, Asp.Net MVC 5, EF, LINQ, Web API and REST). Most of the core business logic written using TDD and writing Unit Tests (MS Test Framework).
* Use of multiple open source tools (Resharper, Fiddler, Nuget, LINQ Pad, Elmah etc.) to assist development.
* As part of development carried out peer code reviews to make sure acceptance criteria and coding standards are met. Especially writing maintainable and scalable code using SOLID Principles and Design Patterns.
* Some integration work with 3rd party apps including SharePoint.

**09/2013 – 07/2014**

**Graphnet Health Ltd**

[*http://www.graphnethealth.com/Home.aspx*](http://www.graphnethealth.com/Home.aspx)

A company that provides software and electronic solutions to the health care industry.

**Senior Web Developer**

* Working as part of a team in an Agile Scrum setup migrating data from a legacy system to a .Net Framework 4.0 built with Asp.Net MVC 4. The new Framework is a bespoke CMS System for generating MVC Forms components at runtime using reflection.
* The MVC Forms are based on a plugin architecture contained in their own assemblies. These assemblies contain their own deliverables such as views, CSS Stylesheets and JavaScript. The scope of the development involved working both at the frontend (Razor, Html, Bootstrap, CSS, Ajax, JavaScript, TypeScript, JQuery and AngularJS) and backend using C# on the .Net stack.
* Some of the data migration involved manipulating XML data to produce read only display forms. These involved working with XSL and XSLT to render forms on the new Framework.
* Worked closely within a team made up of System Designers and Software Testers through the full SDLC to ensure that the full Technical Specification is met.
* Wrote stable and quality code using SOLID Principles and Design Patterns to produce a system that is easy to maintain and extend. Core business logic of the system covered with Unit Tests written using TDD approach with NUnit and Moq for mocking Objects.
* Other technologies used are Auto Mapper for Dependency Injection, Mercurial for Source Control, SQL for data manipulation on a MS SQL Server Database, Ajax, WCF for external data transfer/retrieval and Xml Serialization.

**06/2013 – 08/2013**

**Holiday Lettings UK**

[*http://www.holidaylettings.co.uk/*](http://www.holidaylettings.co.uk/)

A holiday booking company that provides an online software platform for holiday rentals for both home owners and holiday makers.

**Senior Application Developer**

* Working in a team developing, maintaining and supporting an online Multithreaded Booking Platform for booking holidays, handling payments, advertisements and promotions.
* Working in an Agile Scrum setup with two weekly sprints, teams made up of Developers, Product Managers, UI Engineers and Testers (QA).
* The platform built upon an Enterprise System architecture using Asp.Net MVC 4, Restful web services with Web API, Windows services, NUnit, with a MySQL database for the backend. Used Mercurial for source control, Log4Net for error handling and Jira for managing the life cycle of bugs and issues.
* I worked mainly on the server side to enhance the platform by adding and integrating new features to the system. Achieved this by writing quality, scalable and maintainable code from specification that meets business requirements. Applied SOLID Principles and Design Patterns to the code base, also covered the key business rules with Unit Tests.
* Applied internationalization (Globalization) to different parts of the system to provide multilingual support by replacing resource files and getting all required resources from the CMS.
* Assisted with other aspects of the system as required, some frontend work with JQuery, Html5 and CSS3.

**01/2013 – 05/2013**

**TruDesignz**

[*http://www.tru-designz.co.uk/*](http://www.tru-designz.co.uk/)

An internet based Ecommerce Company.

**Senior Web Developer**

* Working in a team developing, maintaining and supporting web applications and a variety of internal systems.
* Upgraded an existing Asp.Net MVC web application from version 3 to version 4. Changed the Data Layer from NHibernate to Entity Framework Code First with a MS SQL Server database. Refactored most of the C# code base by using a variety of Design Patterns and applying SOLID Principles, this made the application loosely coupled, easy to maintain and to scale. Introduced usage of IOC containers, Dependency Injection and Unit Testing. Improved the performance of the application by rewriting most of the queries using LINQ. Enhanced the application frontend with Razor, Html5, CSS3, TypeScript and JQuery.
* Developed and added Restful API to the upgraded Asp.Net MVC 4 application using Web API to allow third party access to internal systems.
* Maintenance and support of an existing Joomla CMS web application written in PHP, hosted on Apache webserver with MySQL database. Enhanced application by modifying existing components and building custom extensions such as Components, Modules and Plugins.
* Involved in the Full Life Cycle of development by liaising with Business Analyst and Clients to discuss and understand business requirements. Translated requirements into code using TDD approach and eventually deploying them to QA Server for testing.

**07/2012 – 12/2012**

**Creative Jar**

[*http://www.creative-jar.com/*](http://www.creative-jar.com/)

A Digital Agency and Software house with a broad client base.

**Senior .Net Developer**

* Worked collaboratively in a team within an Agile Scrum setup with Project Managers, Testers, UI Engineers and other team members.
* Developed a web based transactional and multithreaded booking system using latest technologies within .Net Framework 4.5 and Java Web Frameworks. The system interfaced with third party applications using Restful APIs and Web Services to capture real time data used by multiple clients to execute transactions. The system also included an electronic payment facility and bespoke CMS for administration. Designed a structured database to enable smooth and efficient data update and retrieval process.
* Used C#, Java, LINQ, ASP.Net MVC 4, Web API, Razor, Html5, CSS3, KnockoutJS, JQuery, Visual Studio, Eclipse, Autofac for Dependency Injection, TDD and Moq Testing Framework, NHibernate with a SQL Server Database, SVN for Source Control and a variety of Open Source software tools.
* Main responsibilities largely based on the backend of the system working from Specification Documents and Wireframes to write code that satisfies business requirements. This involves writing good clean code using SOLID Principles and Design Patterns to produce a system that is highly scalable and easy to maintain.
* Involved in support and bug fixing of the system under development through different release phases and iterations, this involves deploying the system in multiple environments using IIS 7/7.5
* Maintenance, support and enhancement of an existing Java web application built with Java Struts2 Framework with a MySQL backend.
* Flexibility in assisting with other aspects of the project as required.

**07/2011 – 07/2012**

**Digital keystone**

[*http://www.digitalkeystone.co.uk/*](http://www.digitalkeystone.co.uk/)

A software house specialized in the development of financial systems for the investment sector. Some of its products are used for Wealth and Asset Management. Client base include Barclays, HSBC, Aegon, Novia Financial and a variety of Investment Banks.

**Senior .Net Developer (Asset Management)**

* Worked as part of a team in an agile environment to develop, enhance and support a bespoke multithreaded trading system used for Portfolio building and Asset management using C#, C++, WPF, ASP.Net MVC 3, Entity Framework and T-SQL (MS SQL 2008 R2). These included both Front and Back Office tools used for trading and manipulating a variety of Derivative Products.
* Liaised with Business Analysts, Asset Managers and Quants Analysts to develop solutions for Market Risk Management, Credit Risk and Risk Product Development.
* Wrote code from Functional Design Document (FDD) working on both front and backend of the system. Business logic written using C++, C# & LINQ applying SOLID principles in a TDD approach thus making the applications modular and scalable. Tools used include StructureMap for DI, Moq for mocking, MS Unit for testing and Log4net as a logging framework. Backend of the system involved designing the database, creating database objects and multiple WCF Web Services for capturing real-time market data. Frontend developed using Razor engine, HTML5, CSS3, JavaScript (Ajax/JQuery) and WPF Utility Tools.
* Support, maintenance and enhancement of existing systems including both the Front and Back Office products. Used TFS, JIRA and Issue Track to manage life cycle of bug fixes and enhancements. Applications supported include Web Apps (ASP.Net MVC 3), WPF, Windows Services, Web and WCF services, Console Apps and Documents Library (Alfresco with a MySQL backend).
* Worked with a variety of windows utilities and Batch files to automate manual processes by scheduling tasks, for example Console Apps that FTP to remote servers to download Funds and Assets. These would be used to sync and update records on multiple databases.
* Extensive use of TCP/IP protocol stacks in a distributed and integrated environment. Given the dynamic nature of the business it involved building and exposing WCF services to allow third party clients access to Digital Keystone’s systems and products.

**07/2010 – 04/2011**

**Maritz**

[*http://www.maritz.com/*](http://www.maritz.com/)

An international sales and marketing services company with a client base including Financial Institutions, High Street Retailers, Recruitment Agencies, etc.

**Senior Application Developer**

* Developed and enhanced data driven Web and Multithreaded Desktop applications within an Enterprise System on .Net 4.0 with a SQL server backend.
* Development done in an Agile Scrum setup with TDD using the following technologies: C#, ASP.Net, WPF, ADO.Net, LINQ, WCF, TFS, JavaScript, HTML, CSS, MS Test, log4Net and Castle Windsor.
* Developed a web based Business Improvement System for Volkswagen dealerships to help them identify issues that slow down business growth. Implemented security features for different access levels and integrated a bonus Calculation Engine (C++) into the system.
* Worked in a Team to extend a bespoke web framework to enable globalization using ASP.Net Resource Provider Model. The framework was used to build a global multi-lingual web system translated in multiple languages. Implemented the framework such that all resources were stored and retrieved from the database. Translation was achieved by intercepting Datasets whose contents would be translated to the relevant languages before finally displaying them on the frontend.
* Developed and enhanced existing WPF and Web forms desktop applications used to support and maintain other components of the Enterprise System.
* Continued maintenance and support of the existing system working in conjunction with the QA team.

**05/2009 - 05/2010**

**Maven Research**

[*http://www.maven.co.uk/default.html*](http://www.maven.co.uk/default.html)

A Market Research Agency that undertakes surveys and data analysis on behalf of their clients to measure customer satisfaction, the client base includes the Motor Industry, Financial Institutions etc.

**.Net Developer**

* Worked as part of a Team to Develop and Support web and multithreaded desktop applications on .Net Framework 3.5 using C#, StructureMap, ASP.Net Web Forms, ASP.Net MVC, LINQ to SQL, Entity Framework, WCF, WPF and Windows Forms, Expression Blend, NUnit, XML, AJAX, HTML, CSS and SQL Server 2008/2005.
* Developed in an Agile (scrum/xp) environment with projects undergoing Full Software Life Cycle.
* Developed ASP.Net MVC application using LINQ to SQL for data access and querying the database.
* Wrote code from specification using C# and LINQ by applying OOP Design Principles and Patterns – Structure Map to inject dependency, created Unit Test using NUnit.
* Developed the UI that gave end users access to online services provided through WCF web services. Created multiple WCF web services for interactive online Questionnaire Surveys, Reporting and Statistical analysis.
* Enhanced existing ASP.Net Web Forms web application by integrating new modules into the system.
* Implemented a dynamic frontend using Web Forms, AJAX and HTML/CSS which enabled users to query the databases and to retrieve and amend data which was then displayed in a suitable format. Used XML and XSLT to display output from the backend which were then bound to rich data controls at the frontend.
* Maintained and enhanced internal desktop applications using WPF and Windows Forms.
* Liaised with data analyst during testing to make sure that the system behaved as required by producing the expected results. Where necessary provide appropriate fixes as required.
* Development done using Visual Studio Team System, Tortoise SVN version control and a variety of open source tools including Fiddler, IE Tester and Firefox Firebug.
* Supported a large user base of existing live systems with day to day issues and providing relevant fixes, used Spice works call logging system to monitor and track calls.

**01/2009 - 04/2009**

**Citadel**

[*http://www.citadelins.com/*](http://www.citadelins.com/)

Insurance company that focuses on the provision of high quality, value for money services for both its individual and business customers.

**Software Developer**

* Experience of development on the .NET 3.5 platform using C#, ASP.Net MVC 1, XML, JavaScript, AJAX, HTML/CSS, Web Services and Microsoft SQL Server.
* Projects included dynamic web pages, web services and back-end databases. Involved in the full Software Life Cycle from initial design, requirement gathering, development and delivery as well as future enhancements.
* Exposure to modern Software Engineering Techniques (OO) and Design Methodologies throughout the development process, mainly used Agile Lifecycle with short increments.
* Working on Multitier (MVC) Applications Components using Visual Studio 2008 to develop the frontend (HTML, CSS, and JavaScript), business logic (custom business objects) and backend (SQL Server 2005/2008).
* Developing and maintaining relational databases and use T-SQL for implementing database driven web-based applications and manipulation of data effectively using ADO.Net (Data Adapter, Data Set, Data Reader and Data Tables), SQL Strings, Stored Procedures and Triggers.
* Involved in IIS 6.0/7.0 server configuration and deployment of web applications.
* Working closely with the Test Team to support product testing and ensure smooth transition to the live environment.
* Providing support to other departments in all aspects of product configuration and support.

**05/2008 - 11/2008**

**BUCKS CC - ICT DEPT.**

[*http://www.buckscc.gov.uk/bcc*](http://www.buckscc.gov.uk/bcc)

**Application Developer**

* Develop and Support .Net Framework 2.0 Applications mainly used by schools in Buckinghamshire. Most applications were websites based on SharePoint and running on SQL Server backend.
* Worked in a team with other developers to enhance the SharePoint CMS and develop new sites to meet business requirements. Projects underwent Full Software Life Cycle; I was involved in translating requirement specification into code using C# by creating business objects which were then integrated to the SQL Server backend.
* Developed database schema.
* Involved in C#/ASP.Net Web Applications, maintenance and modification using Visual Studio 2008, maintaining ASP.Net frontend and SQL Server backend.
* First Line Support duties dealing with Application Support queries and issues. Using Support Works call logging system to log calls and tracking as well as making sure that appropriate deadlines and targets are met. Remote access support via telephone, email and remotely accessing client machines to provide solutions.
* Work with appropriate support providers to analyse root cause and provide ongoing technical maintenance and usage support of business applications in order to maintain their reliability and business benefits.
* Assist with other projects and tasks as assigned.

**Referees**

* Available on request.